

July 28, 2010

**Ex Parte**

**VIA ECFS**

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

**Re: Consumer Information and Disclosure  
Measurement of Mobile Broadband Network Performance and Coverage  
CG Docket No. 09-158; CC Docket No. 98-170; WC Docket No. 04-36**

Dear Ms. Dortch:

On July 27, 2010, Paul Griff, Ron Dicklin, Andy Hollenbeck, and the undersigned of Root Wireless, Inc. spoke by phone with Jordan Usdan and Joel Taubenblatt of the Wireless Telecommunications Bureau and Walter Johnston of the Office of Engineering and Technology.

During the call, the representatives of Root Wireless described the methods used by Root Wireless to collect network performance measurements, including using crowdsourcing technology, and to analyze and display the results. We described the benefits of crowdsourcing as a means of gathering the quantities of virtually real-time data required for an effective measurement program. We also discussed the ability to network measurement tests passively, as well as restrictions on the ability to collect certain user experience performance measurements that we see emerging.

Pursuant to Section 1.1206 of the Commission's rules, an electronic copy of this letter is being filed for inclusion in the above-referenced docket.

Yours truly,

Mark Bradner  
Director of Government Affairs

cc: Jordan Usdan  
Walter Johnston  
Joel Taubenblatt